

Inventor(s): Sugiyama et al.

Appl. No.: 09 098,730

Series Code ↑

Serial No. ↑

Filed: June 18, 1998

Hon. Commissioner of Patents
Washington, D.C. 20231

Group Art Unit 1743

Examiner: Tung

Atty. Dkt. P 0254782 U3-98-7-TS

M# Client

Appl. Title: MULTILAYERED AIR-FUEL RATIO
SENSOR

Sir:

SUPPLEMENTAL PRELIMINARY AMENDMENT

Date: April 17, 2001

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated herein by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim

- A. ☒ NOT made
B. ☐ Withdrawn
C. ☐ made herewith
D. ☐ made previously

For B & C
See Required
Separate Paper
(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	21	**minus 20	1	x \$18/\$9 = + \$18	103/203
3. Independent Claims	3	***minus 3	0	x \$80/\$40 = + \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)		add	+ \$270/\$135 = + \$0		104/204
5. Original due Date:	<input checked="" type="checkbox"/> NONE				
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo) (2 mos) (3 mos) (Usable only for ≤ 2mo.OA --- 4 mos) (Usable only for 30 day/1mo.OA --- 5 mos)	\$110/\$55 = \$390/\$195 = \$890/\$445 = \$1390/\$695= \$1890/\$945=	+ \$0		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract	- \$0				
8. Extension Fee Attached	+ \$0				
9. If Terminal Disclaimer attached, add Rule 20(d) official fee	+ \$110/\$55 + \$0				
10. If IDS attached requires Official Fee under Rule 97 (c),	add + \$180 + \$0				
or if Rule 97(d) Request	add + \$180 + \$0				
11. After-Final Request Fee per rules 129(a) and 17(r)	+ \$710/355 + \$0				
12. No. of additional inventions for examination per Rule 129(b)	x \$710/355 ea + \$0				
13. Request for Continued Examination (RCE)	+ \$710/355 + \$0				
14. Petition fee for	+ \$0				
15. TOTAL FEE ENCLOSED =	\$18				

15.

16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 60388 0254782

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

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Atty/Sec: KMF/emg

Pillsbury Winthrop LLP

Intellectual Property Group

By Atty: Kenneth M. Fagin

Sig:

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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments

W. Lawrence
Pro Amndt
215
4.26.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

SUGIYAMA et al.

Appln. No.: 09/098,730

Filed: June 18, 1998

Title: MULTILAYERED AIR-FUEL RATIO SENSOR



Group Art Unit: 1743

Examiner: Tung

April 17, 2001

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SUPPLEMENTAL PRELIMINARY AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

Prior to examination of the Continuation Application identified above, please further amend the Application as follows:

IN THE CLAIMS:

Please replace claim 1 with the following:

1. (Five times amended) A multilayered air-fuel ratio sensor having a plurality of stacked layers comprising:
- a plurality of substrate layers comprising at least one solid electrolytic substrate layer and at least one insulating substrate layer; and
 - a boundary layer interposed between said solid electrolytic substrate layer and said insulating substrate layer;

04/18/2001 HX32R1 00000048 09098730

01 FEB 2003

10.00 CP